

07-12-04

2175#  
B  
93

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail No. ER886552274US with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

on July 9, 2004  
Date of Deposit

Cynthia K. Dawn  
Name of Person Mailing Correspondence

Cynthia K. Dawn

Application No.: 09/755,723

Title: AUTOMATIC HIERARCHICAL  
CATEGORIZATION OF MUSIC BY  
METADATA

Applicant: Ron Goodman

Filed: January 5, 2001

TC/A.U. 2175

Examiner: Rones, Charles

Docket No.: 6407P212

Customer No.: 40032

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT AND PETITION UNDER 37 C.F.R. § 1.48(c)  
TO CORRECT INVENTORSHIP

Dear Sir:

The undersigned hereby respectfully requests and petitions that the above-referenced application be amended under 37 C.F.R. § 1.48(c) to correct inventorship of the application.

The application was filed on January 5, 2001 naming the following persons as inventors of the present patent application:

97/14/2004 (SHINASSI 000000096 09755723  
61-FC:1460 130.00 GP

- (1) Ron Goodman, a citizen of the United States, residing at 226 Jeter Street, Santa Cruz, CA 95060; and
- (2) Howard N. Egan, a citizen of the United States, residing at 219 Elinor Street, Capitola, CA 95010.

Please correct and amend the present patent application so that David Bristow, a citizen of the United Kingdom, residing at 5988 NE Tolo Road, Bainbridge Island, WA 98110 is additionally named as a joint inventor of the present patent application.

It is respectfully submitted that the amendment is necessitated by amendment of the claims and that the error in inventorship of the present patent application was made without any deceptive intent by anyone, including the actual inventors.

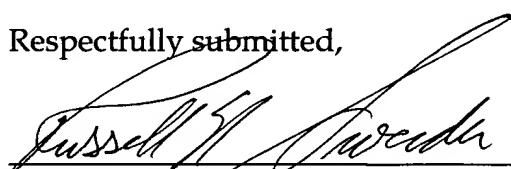
Enclosed with this Amendment and Petition are the following documents:

- (1) a verified Statement of Facts by David Bristow stating that the addition in inventorship of the present patent application is necessitated by amendment of the claims and that the inventorship error occurred without any deceptive intent on his part;
- (2) an executed Declaration/Power of Attorney indicating all inventors; and
- (3) an Assent of Assignee for Correction of Inventorship with a copy of the previously recorded Notice of Recordation of Assignment document.

The Assignment by the additional inventor, David Bristow, to be recorded in accordance with 37 C.F.R. § 1.33(1), and a check in the amount of \$40.00 to cover the recordation fee required by 37 C.F.R. § 1.21(h), are being forwarded separately to the Assignment Division.

Enclosed herewith is a check in the amount of \$130.00 in payment of the fee under 37 C.F.R. § 1.17(i) for correction of inventorship.

Respectfully submitted,

  
Russell N. Swerdon  
Reg. No. 36,943

Dated: July 9, 2004

Creative Labs, Inc.  
1901 McCarthy Boulevard  
Milpitas, CA 95035  
(408) 428-6600



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express mail first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

on July 9, 2004  
Date of Deposit

Cynthia K. Dawn  
Name of Person Mailing Correspondence

Cynthia K. Dawn July 9, 2004  
Signature Date

Application No.: 09/755,723

Title: AUTOMATIC HIERARCHICAL  
CATEGORIZATION OF MUSIC BY  
METADATA

Applicant: Ron Goodman

Filed: January 5, 2001  
TC/A.U. 2175  
Examiner: Rones, Charles

Docket No.: 6407P212  
Customer No.: 40032

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

STATEMENT OF FACTS BY DAVID BRISTOW  
UNDER 37 C.F.R. § 1.48(c)

Dear Sir:

I hereby declare:

1. I am making this Statement of Facts under 37 C.F.R. § 1.48(c) in connection with U.S. Patent Application Serial No.09/755,723 filed January 5, 2001 (hereinafter referred to as "the present patent application").

2. My current residence and country of citizenship is as follows:

David Bristow, a citizen of the United Kingdom, residing at 5988 NE Tolo Road, Bainbridge Island, WA 98110.

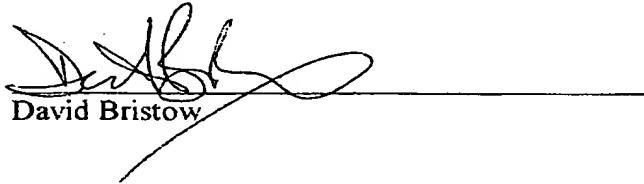
3. The amendment in inventorship is made as necessitated by amendment of the claims. An inventorship error was made by naming only Ron Goodman and Howard N. Egan as joint inventors, rather than naming Ron Goodman, Howard N. Egan and David Bristow as joint inventors.

4. The inventorship error was made without any deceptive intent whatsoever on my part.

5. It is now requested that the additional inventor David Bristow be added to the present patent application.

I declare that all statements made herein on my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: July 7, 2004

  
\_\_\_\_\_  
David Bristow

JUL 09 2004

## PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 6407P212

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUTOMATIC HIERARCHICAL CATEGORIZATION OF MUSIC BY METADATA

the specification of which is attached hereto unless the following box is checked:

( X ) was filed on January 5, 2001 as US Application Serial No. or PCT International Application Number 09/755,723 and was amended on 4/30/2004 (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

## Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: <u>      </u> NO: <u>      </u>
			YES: <u>      </u> NO: <u>      </u>

## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

## U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the practitioners associated with Customer No. 40032 as my patent attorneys, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

## Send Correspondence to:

P. Francois de Villiers  
**Customer No. 40032**  
Creative Labs, Inc.  
1901 McCarthy Boulevard  
Milpitas, CA 95035

## Direct Telephone Calls To:

Russell N. Swerdon  
(408) 428-6600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Ron GOODMANCitizenship: UNITED STATESResidence: 226 Jeter Street, Santa Cruz, CA USA 95060Post Office Address: Same

Inventor's Signature

July 7, 2004  
Date

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)****ATTORNEY DOCKET NO. 6407P212**Full Name of Inventor: Howard N. EGANCitizenship: UNITED STATESResidence: 219 Elinor Street, Capitola, CA 95010 USAPost Office Address: Same

Inventor's Signature

July , 2004  
DateFull Name of Inventor: David BRISTOWCitizenship: UNITED KINGDOMResidence: 5988 NE Tolo Road, Bainbridge Island, WA 98110Post Office Address: Same

Inventor's Signature

July , 2004  
Date

Full Name of Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature

Date

Full Name of Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature

Date

Full Name of Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature

Date

Full Name of Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature

Date

## PATENT APPLICATION

ATTORNEY DOCKET NO. 6407P212

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;  
 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUTOMATIC HIERARCHICAL CATEGORIZATION OF MUSIC BY METADATA

the specification of which is attached hereto unless the following box is checked:

( X ) was filed on January 5, 2001 as US Application Serial No. or PCT International ApplicationNumber 09/755,723 and was amended on 4/30/2004 (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

## Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: <u>      </u> NO: <u>      </u>
			YES: <u>      </u> NO: <u>      </u>

## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

## U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the practitioners associated with Customer No. 40032 as my patent attorneys, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

## Send Correspondence to:

P. Francois de Villiers  
 Customer No. 40032  
 Creative Labs, Inc.  
 1901 McCarthy Boulevard  
 Milpitas, CA 95035

## Direct Telephone Calls To:

Russell N. Swerdon  
 (408) 428-6600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Ron GOODMANCitizenship: UNITED STATESResidence: 226 Jeter Street, Santa Cruz, CA USA 95060Post Office Address: Same

July       , 2004  
 Date

Inventor's Signature

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)****ATTORNEY DOCKET NO. 6407P212**Full Name of Inventor: Howard N. EGANCitizenship: UNITED STATESResidence: 219 Elgin Street, Capitolia, CA 95010 USAPost Office Address: SameJuly 7, 2004  
Date

Inventor's Signature

Full Name of Inventor: David BRISTOWCitizenship: UNITED KINGDOMResidence: 5988 NE Tolo Road, Bainbridge Island, WA 98110Post Office Address: SameJuly 7, 2004  
Date

Inventor's Signature

Full Name of Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Date

Inventor's Signature

Full Name of Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Date

Inventor's Signature

Full Name of Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Date

Inventor's Signature

Full Name of Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Date

Inventor's Signature

Jul 09 '04 11:50a

dave bristow

206 780 2496

P-4  
4/7

JUL 09 2004

## PATENT APPLICATION

ATTORNEY DOCKET NO. 6407P212

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## AUTOMATIC HIERARCHICAL CATEGORIZATION OF MUSIC BY METADATA

the specification of which is attached hereto unless the following box is checked:

(X) was filed on January 5, 2001 as US Application Serial No. or PCT International Application Number 09/755.723 and was amended on 4/30/2004 (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

## Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: <u>      </u> NO: <u>      </u>
			YES: <u>      </u> NO: <u>      </u>

## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

## U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112. I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented pending abandoned)

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the practitioners associated with Customer No. 40032 as my patent attorneys, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

## Send Correspondence to:

## Direct Telephone Calls To:

P. Francois de Villiers  
**Customer No. 40032**  
 Creative Labs, Inc.  
 1901 McCarthy Boulevard  
 Milpitas, CA 95035

Russell N. Swerdon  
 (408)-428-6600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Citizenship: UNITED STATESFull Name of Inventor: Ron GOODMANResidence: 226 Jeter Street, Santa Cruz, CA USA 95060Post Office Address: Same

July                 , 2004  
 Date                 

Inventor's Signature

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)****ATTORNEY DOCKET NO. 6407P212**Full Name of Inventor: Howard N. EGANCitizenship: UNITED STATESResidence: 219 Elinor Street, Capitola, CA 95010 USAPost Office Address: SameJuly 2004  
Date

Inventor's Signature

Full Name of Inventor: David BRISTOWCitizenship: UNITED KINGDOMResidence: 5988 NE Tolo Road, Bainbridge Island, WA 98110Post Office Address: SameJuly 2004  
Date

Inventor's Signature

Full Name of Inventor:

Citizenship:

Residence:

Post Office Address:

Date

Inventor's Signature

Full Name of Inventor:

Citizenship:

Residence:

Post Office Address:

Date

Inventor's Signature

Full Name of Inventor:

Citizenship:

Residence:

Post Office Address:

Date

Inventor's Signature

Full Name of Inventor:

Citizenship:

Residence:

Post Office Address:

Date

Inventor's Signature



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail No. ER86652274US with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

on July 9, 2004  
Date of Deposit

Cynthia K. Dawn  
Name of Person Mailing Correspondence

Cynthia K. Dawn

Application No.: 09/755,723

Title: AUTOMATIC HIERARCHICAL  
CATEGORIZATION OF MUSIC BY  
METADATA

Applicant: Ron Goodman

Filed: January 5, 2001  
TC/A.U. 2175

Examiner: Rones, Charles

Docket No.: 6407P212

Customer No.: 40032

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ASSENT OF ASSIGNEE UNDER 37 C.F.R. § 3.73(b)  
FOR CORRECTION OF INVENTORSHIP

Dear Sir:

Attached please find a copy of the Recordation of Assignment document that is currently on file with the U.S. Patent and Trademark Office concerning the above noted application. The Assignment document is being submitted to provide evidence of chain of title for this application.

07/14/2004 SMINASS1 00000096 09755723  
130.00 OP  
01 FC:1460

Assignee, CREATIVE TECHNOLOGY LTD., a Singapore corporation having a place of business at 31 International Business Park, Creative Resource, Singapore 609921, Republic of Singapore, does hereby assent to the correction of inventorship, the petition for which is filed herewith, which seeks to add David Bristow as an additional inventor in the above-referenced application. The undersigned of Creative Technology Ltd. does hereby declare, under penalty of perjury, that he is authorized by Creative Technology Ltd. to make this Assent of Assignee for Correction of Inventorship.

Respectfully submitted,

Dated: 7/6/, 2004



---

Chon Hock Leow  
Chief Technology Officer



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 30, 2001

PTAS  
TOWNSEND AND TOWNSEND AND CREW LLP  
CHARLES E. KRUEGER  
TWO EMBARCADERO CENTER, EIGHTH FLOOR  
SAN FRANCISCO, CALIFORNIA 94111



GE Stanton  
101717181A\*  
017002022500US

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/23/2001

REEL/FRAME: 011788/0174  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
GOODMAN, RON

DOC DATE: 03/14/2001

ASSIGNEE:  
EGAN, HOWARD N.

DOC DATE: 03/22/2001

ASSIGNEE:  
CREATIVE TECHNOLOGY LTD., A CORP.  
OF THE REPUBLIC OF SINGAPORE  
31 INTERNATIONAL BUSINESS PARK  
CREATIVE RESOURCE  
SINGAPORE, SINGAPORE 609921

SERIAL NUMBER: 09755723  
PATENT NUMBER:

FILING DATE: 01/05/2001  
ISSUE DATE:

011788/0174 PAGE 2

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, RON GOODMAN, of 226 Jeter Street, Santa Cruz, CA 95060; HOWARD N. EGAN, of 219 Elinor Street, Capitola, CA 95010; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: AUTOMATIC HIERARCHICAL CATEGORIZATION OF MUSIC BY METADATA

Date(s) of Execution:

Filing Date: January 5, 2001

Application No.: 09/755,723; and

WHEREAS, CREATIVE TECHNOLOGY LTD., located at 31 International Business Park, Creative Resource, Singapore, 609921, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNEES' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Assignment

Attorney Docket No.: 17002-022500US  
Page 2

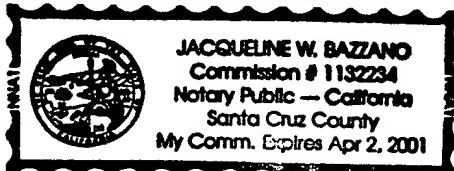
Dated: 3/14/2001

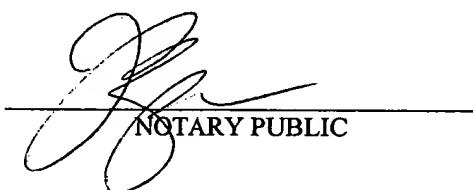
  
RON GOODMAN

STATE OF CALIFORNIA )  
)  
COUNTY OF )  
)  
ss.

On March 14, 2001, before me, Jacqueline W. Bazzano, personally appeared RON GOODMAN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



  
NOTARY PUBLIC

My Commission Expires: 4/2/2001

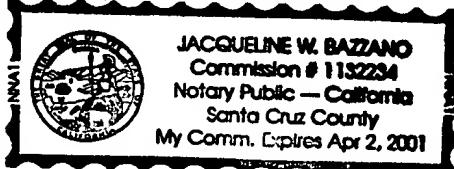
Dated: 3-22-2001

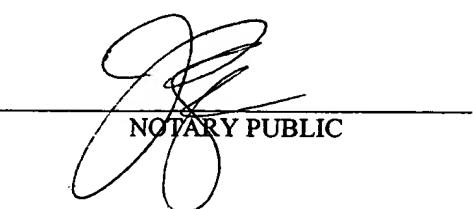
  
HOWARD N. EGAN

STATE OF CALIFORNIA )  
)  
COUNTY OF )  
)  
ss.

On March 22, 2001, before me, Jacqueline W. Bazzano (Notary Public), personally appeared HOWARD N. EGAN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



  
NOTARY PUBLIC

My Commission Expires: 4/2/2001